PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 Please type a plus sign (+) inside this box -> + U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/644.685 **MISTRANSMITTAL** Filing Date August 20, 2003 **FORM** First Named Inventor Doan et al. ed for all correspondence after initial filing) Group Art Unit 2811 O. Nadav **Examiner Name** Attorney Docket Number 2269-3414.7US (97-1039.07/US) ENCLOSURES (check all that apply) Terminal Disclaimer Information Disclosure Statement, Postcard receipt acknowledgment (attached to the front of this PTO/SB/08A (08-00); Copy of transmittal) cited references Terminal Disclaimer Duplicate copy of this transmittal Supplemental Information Disclosure sheet in the event that additional Statement; PTO/SB/08A (08-00); copy of cited references and Check No. filing fees are required under 37 C.F.R. § 1.16 in the amount of \$180.00 Preliminary Amendment Terminal Disclaimer Associate Power of Attorney Response to Restriction Petition for Extension of Time and Requirement/Election of Species Check No. in the amount of Requirement dated Petition Amendment in response to office action dated M Amendment under 37 C.F.R. § Fee Transmittal Form Other Enclosure(s) 1.116 in response to final office (please identify below): action dated January 10, 2005 Certified Copy of Priority Document(s) Additional claims fee - Check No. in the amount of \$ Assignment Papers (for an Application) Letter to Chief Draftsman and copy of FIGS. with changes made in red Remarks Transmittal of Formal Drawings The Commissioner is authorized to charge any additional fees required but not Formal Drawings (sheets) submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Krista Weber Powell Registration No. 47,867 Individual name Signature March 10, 2005 Date **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name March 10, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Signature



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Doan et al.

Serial No.: 10/644,685

Filed: August 20, 2003

For: CONTROLLABLE OVONIC PHASE-CHANGE SEMICONDUCTOR MEMORY

DEVICE AND METHODS OF FABRICATING THE SAME

Confirmation No.: 6457

Examiner: O. Nadav

Group Art Unit: 2811

Attorney Docket No.: 2269-3414.7US

(97-1039.07/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 10, 2005

Date

Signatu

Denise Dyer

Name (Type/Print)

AMENDMENT UNDER 37 C.F.R. §1.116

Mail Stop AF Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Final Office Action mailed January 10, 2005, the three-month shortened statutory period for response to which expires on March 10, 2005. This response is submitted on or before two months from the mailing date of the Final Office Action.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 12 of this paper.